Forest Insect & Disease Management

REPORT N●.
80-3-3

Issued: 12/5/79

AERIAL DETECTION SURVEY OF SOUTHERN PINE BEETLE INFESTATIONS ON ARMUCHEE RANGER DISTRICT, CHATTAHOOCHEE NATIONAL FOREST

LAND OWNERSHIP OF SURVEY AREA: Armuchee Ranger District, Chattahoochee National Forest

STATE: Georgia

AREA WITHIN SURVEY BOUNDARY: 63,000 acres

DATE: December 4, 1979

PERCENT COVERAGE: 75%

AIRCRAFT: Cessna 172

CREW: Robert Bassett, Thomas Russell (Aerial Survey Team), Windon Neal (Armuchee Ranger District)

REPORT PREPARED BY: Robert Bassett

SURVEY OBJECTIVES

Southern pine beetle detection.

SURVEY RESULTS

Two large southern pine beetle spots had been previously located by District personnel on the ground. Two more large spots plus a few smaller ones were observed from the air. Several SPB spots were seen on privately owned land. See Table 1.

CONCLUSIONS

There appears to be a serious southern pine beetle build up on the southern half of the District. These spots will be ground checked by FIDM personnel.

For any additional information, contact

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SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY
USDA FOREST SERVICE, ATLANTA, GA 30309

Table 1 -- Summary of Aerial Survey Data - Armuchee Ranger District, Chattahoochee National Forest, Georgia, December 4, 1979

Ownership	Infestation Size (#Trees)							
	5-20		21-100		100+		Total	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
Armuchee Ranger District	6	50	2	175	2	600	10	825
Private lands within protection boundary	3	25	3	130	3	500	9	655